

# Comparisons of Job Characteristics

**Focus Occupation:** [Farm Equipment Mechanics and Service Technicians \(49-3041\)](#)

**Associated Occupation:** [Outdoor Power Equipment and Other Small Engine Mechanics \(49-3053\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 90

**Focus Occupation:** Farm Equipment Mechanics and Service Technicians (49-3041)

**Associated Occupation:** Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	18.5	19.7	0 Current knowledge level may be sufficient
Sales and Marketing	5.2	8.8	6.7	<< Extensive education and/or training may be required
Economics and Accounting	4.4	7.1	2.4	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 96

**Focus Occupation:** Farm Equipment Mechanics and Service Technicians (49-3041)

**Associated Occupation:** Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Repairing	3.4	11.9	14.3	> Skill level is likely sufficient
Equipment Maintenance	3.5	11.5	13.6	> Skill level is likely sufficient
Troubleshooting	4.5	11.5	12.9	> Skill level is likely sufficient
Operation Monitoring	6.6	10.2	11.0	0 Current skill level may be sufficient
Quality Control Analysis	5.9	9.8	11.6	> Skill level is likely sufficient
Operation and Control	5.4	9.5	10.7	> Skill level is likely sufficient
Equipment Selection	3.3	7.8	10.0	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Farm Equipment Mechanics and Service Technicians (49-3041)

Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Control Precision	6.6	11.4	13.6	>	Current ability level is likely sufficient
Finger Dexterity	7.6	11.4	12.6	>	Current ability level is likely sufficient
Manual Dexterity	6.5	10.8	12.8	>	Current ability level is likely sufficient
Arm-Hand Steadiness	6.8	10.7	12.8	>	Current ability level is likely sufficient
Visualization	7.5	10.6	11.1	0	Current ability level may be sufficient
Multilimb Coordination	6.0	10.0	13.3	>>	Current ability level is likely more than sufficient
Extent Flexibility	4.8	8.7	11.0	>	Current ability level is likely sufficient
Wrist-Finger Speed	3.2	6.4	6.6	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 96

Focus Occupation: Farm Equipment Mechanics and Service Technicians (49-3041)

Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Work Activities	Exclusivity of Activity
Adhere to safety procedures	12
Adjust or set mechanical controls or components	69
Assemble, dismantle, or reassemble equipment or machinery	70
Conduct tests to locate mechanical system malfunction	71
Determine installation, service, or repair needed	58
Diagnose mechanical problems in machinery or equipment	65
Fabricate, assemble, or disassemble manufactured products by hand	11
Inspect machinery or equipment to determine adjustments or repairs needed	42
Maintain or repair small engines	92
Maintain repair records	65
Move or fit heavy objects	8
Observe or listen to machinery or equipment operation to detect malfunctions	81
Overhaul vehicle major operating units, such as engines or transmissions	84
Perform safety inspections in industrial, manufacturing or repair setting	32
Read blueprints	10
Read schematics	34
Read work order, instructions, formulas, or processing charts	9
Repair or replace malfunctioning or worn mechanical components	62
Set up and operate variety of machine tools	62
Test mechanical products or equipment	56

Understand service or repair manuals	40
Use electrical or electronic test devices or equipment	40
Use engine diagnostic equipment	82
Use hand or power tools	2
Use knowledge of metric system	39
Use machine tools in installation, maintenance, or repair	72
Use precision measuring devices in mechanical repair work	61
Use voltmeter, ammeter, or ohmmeter	52

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Farm Equipment Mechanics and Service Technicians (49-3041)**

**Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)**

### Tools and Technologies

### Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.